

CLAIMS

- 1 1. An image reading device comprising:
2 a light source for providing a light;
3 an image sensor for sensing an image and
4 generating analog image signals; and
5 a light interference module for interfering
6 said light through a light path to said image
7 sensor,
8 wherein said light interference module
9 interferes said light into said image sensor and
10 thus triggers the image reading to perform a
11 predetermined procedure.
- 1 2. The image reading device of claim 1, further
2 comprising:
3 a focusing lens placed before said image
4 sensor, for focusing said image on said image
5 sensor.
- 1 3. The image reading device of claim 1, further
2 comprising:
3 a mirror for reflecting said light.
- 1 4. The image reading device of claim 1, wherein said
2 image sensor is a charged couple device.
- 1 5. The image reading device of claim 1, wherein said
2 image sensor is a contact image sensor.
- 1 6. The image reading device of claim 1, wherein said

2 light interference module stops said light
3 projecting into said image sensor.

1 7. The image reading device of claim 1, wherein said
2 light interference module is able to move vertically
3 to stop said light projecting into said image
4 sensor.

1 8. The image reading device of claim 1, wherein said
2 light interference module is able to move
3 perpendicular to said light in order to stop said
4 light projecting into said image sensor.

1 9. The image reading device of claim 1, wherein said
2 light interference module is able to stop said light
3 projecting into said image sensor by a rotating
4 movement.

1 10. The image reading device of claim 1, wherein
2 said predetermined procedure is to performing
3 scanning.

1 11. The image reading device of claim 1, wherein
2 said predetermined procedure is to starting a
3 scanning program.

1 12. An image reading device comprising:
2 a light source for providing a light;
3 an image sensor for sensing an image and
4 generating analog image signals; and
5 a light interference module for interfering

MTK0055PA.US (PA310)

6 said light through a light path to said image
7 sensor,
8 wherein said light interference module allows
9 said light into said image sensor and thus triggers
10 the image reading to perform a predetermined
11 scanning procedure.